

LISTING OF PENDING CLAIMS

Claims 1-28, 32-42 are pending in the application.

Please cancel claims 1-24, 26-28, 32-39 and 41-42.

Please amend claims 25 and 40 as follows:

25. (First Amended) ~~The system of claim 24, wherein the fluid warmer includes~~ A system for warming a fluid, comprising:

a fluid warmer having a housing that retains therein a heating element,
said housing comprising an upper section and a lower section hingedly joined at
one side of the upper and lower sections, said upper and lower sections adapted to
rotatably open ; and

a cartridge that is retained inside the housing and which receives heat from the
heating element, comprising:

a rigid heat-conducting plate having a first surface and a second opposing
surface, the plate having a meandering path provided therein; and

a sheet of heat-conducting film that covers the first and second surfaces,
said film being adapted to receive heat from the heating element wherein the fluid
warmer includes:

a heating element;

a contact plate which thermally couples the heating element with the film of the
cartridge, wherein the contact plate has a plurality of separate regions; and

a plurality of thermistors that are operatively coupled to the cartridge and which
are also coupled to a processor, with each of the plurality of thermistors and the processor

controlling the fluid traveling through the plurality of separate regions to a different temperature.

40. (Amended) ~~The system of claim 17~~ A system for warming a fluid,
comprising:
a fluid warmer having a housing that retains therein a heating element,
said housing comprising an upper section and a lower section hingedly joined at
one side of the upper and lower sections, said upper and lower sections adapted to
rotatably open ; and
a cartridge that is retained inside the housing and which receives heat from the
heating element, comprising:
a rigid heat-conducting plate having a first surface and a second opposing surface,
the plate having a meandering path provided therein; and
a sheet of heat-conducting film that covers the first and second surfaces,
said film being adapted to receive heat from the heating element;
wherein the fluid warmer further comprises temperature control thermistors between
each contact plate region on the upper section and in contact with opposing contact plates
on the lower section.